The Home Depot
Pre-Purchase Test Report

2455 PACES FERRY ROAD
ATLANTA, GEORGIA, USA 30339-4024

SP NAME	Intertek	DATE	April 23, 2012
REPORT #	ESH002578	PREVIOUS REPORT #	NA
PARTIAL PPT?	No	IF YES, PARENT PPT REPORT #	NA
CAPA #	ITS-CN-PPT-B2769		
PPT PROTOCOL #	06-27E-012U	REVISION #	V4

THD PQOB INDEX NUMBER: 6548.3075.3593.44871
THD DIVISION / SUBSIDIARY: THD-USA **DEPT:** 27 **BUYER:** --

SUPPLIER NAME: Ningbo Litesun **SUPPLIER #:** NIL
FACTORY NAME: Ningbo Litesun Electric Co. Ltd **FACTORY #:** NIL
SAMPLE DESCRIPTION: Six Outlets grounding adapter.
PRODUCT CATEGORY #: 06 **MODEL:** YY-6ZA **COLOR:** White
COUNTRY OF ORIGIN: China **COUNTRY OF DESTINATION:** USA

RATING: (Mark only one.)

					RATING	
	GOOD	✓	**UNSATISFACTORY**		**Product Requirements (Always Required – Good Or Unsatisfactory)**	**Unsatisfactory**
					Packaging Requirements (Good Or Unsatisfactory or N/A per Packaging SOP)	**NA**

EXECUTIVE SUMMARY:

Major Fail items:

1. Item 1.7b bilingual issue, needs bilingual (English & Spanish), such as “CURRENT TAP” “MADE IN CHINA” “CAUTION: NOTFOR USE WITH GROUND-FAULT CIRCUIT-INTERRUPTER…” (**Defect code: REG105**)
2. Item 1.8: Manual not provided (**Defect code:REG104**)
3. Item 2.2 PQOB: 0.204kg Measured: 0.105kg (**Defect code: PHY103**)

Remark:

1. Item 1.1~1.3, 1.11 Final package not provided
2. THD stated that ISTA test is not needed

Note:
1. Protocols cover US and, but requirements for Canada are not considered in this report. Only requirements for USA are checked.
2. This test report shall not be used solely for any other purposes except as a reference for product performance evaluation offered to Home depot. All test items and other requirements are based on this protocol.

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Lab Use Only:

Tested by: Tommy Qian
Date: March 23, 2012

Approved by: Snake Lin
Date: March 23, 2012

Intertek Testing Services
Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, P.R. China
Tel: 86 21 6127 8200 Fax: 86 21 6495 6263 Website: www.intertek-etlsemko.com

General Conformity Certificate (GCC) or Certificate of Compliance (CoC) required? If YES complete the portion of the GCC related to testing and attach it as a part of PPT report as required.

_X_ NO ___ YES: Fill out form at https://www.formrouter.net/forms@THDPS/THD_ComplianceCertificate.pdf

☐ **– Product Requirements Document or Product Specification Provided**
(Supersedes acceptance criteria – does not add to nor delete any test elements)

#	Test Property	Test Method	Sample Size	Test Principal / Requirements	Result	Rating	Defect Code
LABELING & MARKING VERIFICATION (FOR PACKAGE & PRODUCT)							
1.1	Labeling & Package	F.P.L.A. 16 CFR 500	1	Distributor's name & address (city, state & zip)	Final package not provided	NA	NA
1.2	Country of Origin Marking (If imported)	NAFTA & FTCA / Sect. 5	1	Country of origin marking shall be provided and clearly indicated to the ultimate purchaser of a product where it is made.	Final package not provided	NA	NA
1.3	Claims verification	Actual Use & Document Check	1	The product shall comply with all claims as described in package, labels, or stuffer sheets.	Final package not provided	NA	NA
1.4	Safety Certification Mark	Home Depot Requirement	1	The provided safety mark shall be validated.	c UL us E241182	Good	NA
1.5	ESA registration (Canada)	Ontario Regulation 438/07 Home Depot Requirement	1	Verify the registration of end product's manufacturer on ESA website. All manufacturers who sell electrical products in Ontario or who intend selling new electrical products in Ontario shall be registered with ESA starting August 30st 2009.	NA	NA	NA
1.6a	FCC Report (If applicable) for USA	Home Depot Requirement	1	FCC test report /certificate shall be provided if the product generated or operated at a frequency above 9kHz. The provided FCC report shall be validated.	NA	NA	NA
1.6b	IC report(if applicable) for Canada	Home Depot Requirement	1	IC test report/certificate shall be provided if the product generated or operated at a frequency above 10kHz. The provided IC report shall be validated.	NA	NA	NA

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#	Test Property	Test Method	Sample Size	Test Principal / Requirements	Result	Rating	Defect Code
1.7a	Bilingual requirement (for Canada market)	Canada: Quebec, R.S.Q., c. C-11 & Home Depot Requirement	1	Products for Canada market must have English and French. The following must be drafted in French. No inscription in another language may be given greater prominence than that in French. Every inscription on a product, on its container or on its wrapping, or on a document or object supplied with it, including the directions for use and the warranty certificates, must be drafted in French. . Catalogues, brochures, folders, commercial directories and any similar publications must be drawn up in French . Below is link of French Language Law: http://www.oqlf.gouv.qc.ca/english/charter/title1chapter7.html * All the permanently etched or embossed statements on the product are required for both English and French	NA	NA	NA
1.7b	Bi-Lingual on Cautionary Statements, Warnings And User Manual (for US market)	Home Depot Requirement	1	Products for US market must have English and Spanish. THD accepts the case if there is only English warning statement engraved on the product but Spanish warning is available in separate sheet.	**Not Complied** needs bilingual (English & Spanish), such as **“CURRENT TAP” “MADE IN CHINA” “CAUTION: NOTFOR USE WITH GROUND-FAULT CIRCUIT-INTERRUPTER…”** see defect picture	**Major**	**REG105**
1.8	User Manual / Important Safety Instructions	UL498A 2nd Ed. Cls.8 CSA-C22.2 No. 42- 1999, Cls.6.12,6.16	1	Instructions and warnings shall be provided in the user manual, identifying reasonable foreseeable uses or misuses of the product. The product shall also include instructions regarding installation, use, safety and maintenance.	**Not Complied** Manual not provided	**Major**	**REG104**

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#	Test Property	Test Method	Sample Size	Test Principal / Requirements	Result	Rating	Defect Code
1.9	General Markings	UL498A 2nd Ed. Cls.7.1-7.3 CSA-C22.2 No. 42- 1999, Cls.6.1,6.15	1	The following markings shall be legible and readily visible after the product is assembled or installed: - Manufacturer's name, trademark or etc. - Model number, type reference or etc. - Electrical rating - Date code - Other markings as required by standard.	Complied - LITESUN - YY-6ZA - 125V - 15A - 1875W	Good	NA
1.10	Cautionary Markings	UL498A 2nd Ed. Cls.7.4-7.9	1	A cautionary or warning marking intended to inform the user of a potential risk of fire, electrical shock, or injury to persons shall be provided.	Complied	Good	NA
1.11	ANSI verification	Home Depot Requirement	1	Verify ANSI claim made on packaging evaluated for accuracy. Report claim made and if it conforms or in non-conformance and how. If a claim cannot be confirmed for some reason then the client should be consulted on how to report. The Lab is responsible to collect the information whether product comply with ANSI standard. If yes, ANSI claim must be verified through PPT. Must be recorded as Pass, Fail or Not Claimed. Do not put in NP (No Packaging) or NA (Not Applicable) for this field. If packaging is not provided, the lab will contact the factory/supplier and find out if it is claimed on the packaging. Each claim should be listed and verified as appropriate: Claim: 1. 2.	Final package not provided	NA	NA
PHYSICAL REQUIREMENTS (CONSTRUCTION, WORKMANSHIP)							
2.1	Overall Dimensions (inch / cm)	General Measurement	1	Product dimensions and packaging dimensions. Report overall size; shall meet PQOB ,instruction or packaging and label claims,(If applicable) (±5%)	Claimed of product: 8.85cmx8.2cmx2.4cm Measured: 8.83cmx8.23cmx2.4cm	Good	NA
2.2	Weight of Appliance (lb.)	General Measurement	1	Weight of the unit. Report product weight; shall meet PQOB ,instruction or packaging and label claims,(If applicable) (±5%).	**Not complied** Claimed: 0.204kg Record: 0.105kg	**Major**	**PHY103**

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#	Test Property	Test Method	Sample Size	Test Principal / Requirements	Result	Rating	Defect Code
2.3	Total Weight (lb.)	General Measurement	1	Total weight (including smallest unit container or bulk packaging).	NA	NA	NA
2.4	Color / Coating of External Surface	General Measurement	1	Color / Coating of the outer surface of the unit.	White	NA	NA
2.5	Workmanship	Visual Check	1	Shall have no major defects such as: Cracks or breakage on provided accessories Serious scratches on the external surface Peeling of rating or caution / warning label	Complied	Good	NA
2.6	Internal Wiring	Visual Check	1	Wireways shall not allow wires to come in contact with sharp points, edges or moving parts.	Complied	Good	NA
2.7	Splices and Connections	Proprietary Method	1	All splices and connectors are to remain secured when 5-lbs. of force is applied for 1 sec. Soldering connection of internal wiring shall be mechanical secured before soldering.	Complied	Good	NA
2.8	Mechanical Assembly	Visual Check	1	All components such as fuse holder, switch and terminal block, etc. shall be securely fixed and prevented from turning.	Complied	Good	NA
2.9	Polarization	UL 498A 2nd Ed. Cls. 15.3.4 CSA-C22.2 No. 42- 1999, Cls.4.1.8	1	A manually operated, line-connected, single pole switch for device on-off operation shall not be connected to the blade intended to be grounded. The polarization of conductors at plug and receptacles shall be matched	Complied	Good	NA
2.10	Dimension check	ANSI/NEMA WD6 UL 498A 2nd Ed. Cls. 12.2-12.3 CSA-C22.2 No. 42- 1999, Cls.4.1.8.3	1	The dimensions of NEMA configurations of various attachement plug and receptacle combinations should be measured as specified in the Wiring Devices –Dimensional Specifications, ANSI/NEMA WD6.	Complied	Good	NA

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#	Test Property	Test Method	Sample Size	Test Principal / Requirements	Result	Rating	Defect Code
2.11	Male face size	UL 498A 2nd Ed. Cls. 11.2 CSA-C22.2 No. 42- 1999, Cls.4.2.7	1	The perimeter of the male face of a 2-wire, parallel-blade, 1-15P configuration device shall encompass an area equal to or larger than that indicated in Figure 11.2.	Complied	Good	NA
2.12	Female face size	UL 498A 2nd Ed. Cls. 11.4 CSA-C22.2 No. 42- 1999, Cls.4.2.8	1	The outlet face of a 2-wire, parallel-slot device of the 1-15R configuration, or a multi-configuration adapter that accepts attachment plugs with the 1-15P configuration, shall have a perimeter that encompasses an area equal to or larger than that indicated in Figure 11.4, and shall include an obstruction whose minimum size and location are indicated by the shaded portions of that figure.	Complied	Good	NA
2.13	Outlets check	Visual Check	1	Record the total number of outlets. Number of outlets to match claim in PQOB summary sheet	Complied 6 outlet	Good	NA
2.14	Insertion force test	Proprietary Method	1	Measure the insertion force required insert a plug into the receptacle. Insertion force shall not be greater than 15 lbs(67N)	Complied	Good	NA
2.15	Extraction force test	Proprietary Method	1	Measure the extraction force required to remove a plug from the receptacle. Extraction force shall not be less than 5 lbs(13N)	Complied	Good	NA
PERFORMANCE TESTS							
3.1	Functional Check	Actual Use	1	All the major features shall be matched with the installation and use instructions and claims made on the packaging and claims from PQOB summary sheet, with no inaccurate or misleading statements about the product, or any other user-friendliness problems. Record and list all claims and the findings on test sample and verify these claims:	Complied	Good	NA
				1. Claim and verify item: six outlets	six outlets	Good	NA
				2. Claim and verify item: white	white	Good	NA

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#	Test Property	Test Method	Sample Size	Test Principal / Requirements	Result	Rating	Defect Code
3.2	High temperature stress test	Proprietary Method	1	Store the sample into chamber of 70°C for 7 hours. After treatment, no deformation or damages in sense shall be found. It shall also comply with voltage withstanding test.	Complied	Good	NA
3.3	Mechanical strength test	Proprietary Method	1	Drop the unit from a height of 3 feet at 3 different directions, there shall be no cracks which will bring electric shock or breakage of the blades that will influence further use.	Complied	Good	NA
3.4	Determination of Voltage Protection Rating (VPR)	UL 1449 Cls 37.6	3	A 6 kV/3kA Combination Wave Surge is used to determine the Voltage Protection Rating. The surge shall be initiated at a phase angle of 90 ±10 degrees. The resulting average measured limiting voltage shall not exceed the manufacturer's marked VPR rating; In addition, no individual measured limiting voltage may exceed the marked VPR by more than 10 percent	NA	--	NA
3.5	Function verify after the surge protector broken	In-house method	1	Verify that unit does NOT continue to work as a non-surge outlet after a catastrophic surge response where the surge capability is no longer working. Short-circuit the surge protector unit (metal oxide varistor) , connect the plug to line voltage, using the multi-meter to measured the outlet voltage, there shall no voltage output	NA	--	NA
SAFETY TESTS							
4.1	Dielectric Withstand Test	UL 498A 2nd Ed. Cls. 24.1 Cls. 24.2 CSA-C22.2 No. 42- 1999, Cls.7.21.1 Cls.7.21.2	1	The unit shall withstand for 1 minute without breakdown the application of a 60Hz essentially sinusoidal potential between live parts of opposite polarity and between live parts and grounding or dead-metal parts. The test potential shall be 1000V plus 2 times the rated voltage for a unit without means for fixed attachment (Cls. 24.1) and 2000V or 3000V for units with a means for fixed attachment rated no more than 300V or greater than 300V respectively, without humidity treatment specified in Cls. 24.3	Complied	Good	NA

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4.2	Insulation resistance test	UL 498A 2nd Ed. Cls. 26 CSA-C22.2 No. 42- 1999, Cls.7.5	1	The insulation between live parts of opposite polarity/ between live parts and dead-metal parts/ between live parts and exposed insulating material shall be not less than 100 megohms.	Complied	Good	NA
4.3	Grounding continuity Test	UL 498A 2nd Ed. Cls. 36.3 CSA-C22.2 No. 42- 1999, Cls.7.16.5	1	The electrical continuity is tested between the receptacle grounding terminal and the fully inserted test pin B, whose stop ring shall remain continuously in contact with the face of the unit. There shall be no loss of contact while the pin is moved by hand, without exerting undue pressure, so as to touch all internal walls and surfaces.	Complied	Good	NA
CHEMICAL ANALYSIS							
5.1	CA Prop65	Applicable	1	With reference to consent judgment no_____ , base on California proposition 65 requirement	Complied Pls refer to the attached data #1 for details	Good	NA
OTHER TESTS							
6.1	Other Special Features	---	1	All special features claimed on the instruction sheet or packaging shall be verified.	NA	--	NA

#1 TOTAL LEAD (Pb) CONTENT

WITH REFERENCE TO us epa 3050b/3051, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

RESULT : <10 ppm

LIMIT : 300 ppm

THE ABOVE LIMIT WAS QUOTED FROM THE CONSENT JUDGEMENT NO.SF-312962 SETTLED BY SUPERIOR COURT OF THE STATE OF CALIFORNIA FOR THE COUNTY OF SAN FRANCISCO FOR CORDS BASED ON THE CALIFORNIA PROPOSITION 65.

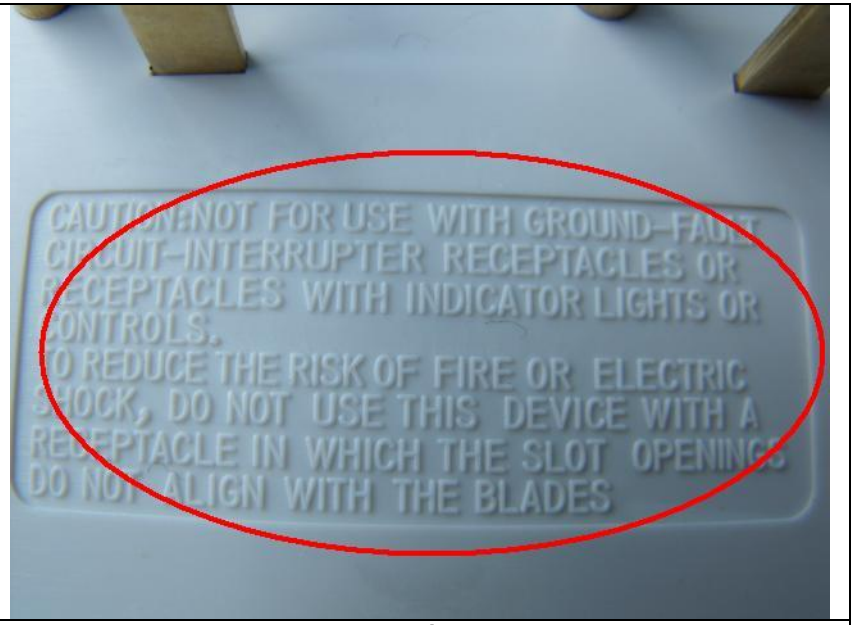
ppm = PARTS PER MILLION = mg/kg
< = LESS THAN

TESTED COMPONENT : WHITE PLASTIC(PLUG).

Product Photo:

Product

Defect picture for bilingual:

	
Label	**Caution**

CAPA Completed by supplier:

Please refer to CAPA form

Test History:

Report No	Date	Event
ESH002578	April 23, 2012	Report ESH002578 with “Unsatisfactory” rating was issued.